Kifle, Bruck

From:	wmercier@cas.org
Sent:	Wednesday, January 29, 2003 8:31 PM
To:	Bruck.Kifle@USPTO.GOV
Subject:	RE: help

Importance: High

capro.rtf

ARG!! I see what you mean. I was moving too fast (did not do a SAM search - don't tell anyone!)

This will work.

L1 is the caprolactam structure.

L1   STRUCTURE UPLOADED
L2   402808 S 3/NRRS AND N>=1 AND 1/NRS NOT (110.34.3 OR 110.34.1)/RID
L3   428165 S 3/NRRS AND N>=1 AND 2/NRS NOT (110.34.3 OR 110.34.1)/RID
L4   374839 S 3/NRRS AND N>=1 AND NRS>=3 NOT (110.34.3 OR 110.34.1)/RID
L5   468842 S 4/NRRS AND N>=1 NOT (110.34.3 OR 110.34.1)/RID

Note: I now realize that by NOTting out the Ring identifier for caprolactam you miss any substances that have the caprolactam ring in addition to the fused caprolactam ring; so you may want to try it without that piece.

L6   32 S L1 SSS SAM SUB=L2
L7   41 S L1 SSS SAM SUB=L3
L8   9 S L1 SSS SAM SUB=L4
L9   33 S L1 SSS SAM SUB=L5
L10   10439 S L1 SSS FULL SUB=L2
L11   8422 S L1 SSS FULL SUB=L3
L12   3770 S L1 SSS FULL SUB=L4
L13   9395 S L1 SSS FULL SUB=L5
L14   31960 S L10 OR L11 OR L12 OR L13

Bill

-----Original Message-----

From:	Bruck.Kifle@USPTO.GOV [mailto:Bruck.Kifle@USPTO.GOV]
Sent:	Wednesday, January 29, 2003 6:34 PM
To:	wmercier@cas.org
Subject:	RE: help

When I ran the SSS on caprolactam, the search will not go to completion.

-----Original Message-----

From:	wmercier@cas.org [mailto:wmercier@cas.org]
Sent:	Wednesday, January 29, 2003 6:26 PM
To:	Bruck.Kifle@USPTO.GOV

```
=> d l1
L1 HAS NO ANSWERS
L1                  STR
```



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Structure attributes must be viewed using STN Express query preparation.


=> S 3/NRRS and N>=1 and 1/nrs not (110.34.3 or 110.34.1)/rid
L2      402808 3/NRRS AND N>=1 AND 1/NRS NOT (110.34.3 OR 110.34.1)/RID

=> S 3/NRRS and N>=1 and nrs=2 not (110.34.3 or 110.34.1)/rid
L3      428165 3/NRRS AND N>=1 AND NRS=2 NOT (110.34.3 OR 110.34.1)/RID

=> S 3/NRRS and N>=1 and nrs>=3 not (110.34.3 or 110.34.1)/rid
L4      374839 3/NRRS AND N>=1 AND NRS>=3 NOT (110.34.3 OR 110.34.1)/RID

=> S 4/NRRS and N>=1 not (110.34.3 or 110.34.1)/rid
L5      468842 4/NRRS AND N>=1 NOT (110.34.3 OR 110.34.1)/RID

=> s l1 sub=l2 sss sam
SAMPLE SUBSET SEARCH INITIATED 20:20:14 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -  11517 TO ITERATE

   8.7% PROCESSED    1000 ITERATIONS                        32 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):           ONLINE  **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):      223918 TO    236762
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):           6219 TO      8521

L6            32 SEA SUB=L2 SSS SAM L1

=> s l1 sub=l3 sss sam
SAMPLE SUBSET SEARCH INITIATED 20:20:21 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -  13334 TO ITERATE

   7.5% PROCESSED    1000 ITERATIONS                        41 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):           ONLINE  **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):      259772 TO    273588
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):           9531 TO     12335

L7            41 SEA SUB=L3 SSS SAM L1

=> s l1 sub=l4 sss sam
SAMPLE SUBSET SEARCH INITIATED 20:20:26 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -  10483 TO ITERATE
```

```
    9.5% PROCESSED     1000 ITERATIONS                          9 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):           ONLINE  **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):     203531 TO    215789
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):          1304 TO      2468


L8            9 SEA SUB=L4 SSS SAM L1

=> s l1 sub=l5 sss sam
SAMPLE SUBSET SEARCH INITIATED 20:20:31 FILE 'REGISTRY'
SAMPLE SUBSET SCREEN SEARCH COMPLETED -  12681 TO ITERATE

    7.9% PROCESSED     1000 ITERATIONS                         33 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):           ONLINE  **COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):     246883 TO    260357
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):          7142 TO      9596


L9           33 SEA SUB=L5 SSS SAM L1

=> s l1 sub=l2 sss full
FULL SUBSET SEARCH INITIATED 20:20:51 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 228897 TO ITERATE

100.0% PROCESSED  228897 ITERATIONS                      10439 ANSWERS
SEARCH TIME: 00.00.02

L10       10439 SEA SUB=L2 SSS FUL L1

=> s l1 sub=l3 sss full
FULL SUBSET SEARCH INITIATED 20:21:04 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 268252 TO ITERATE

100.0% PROCESSED  268252 ITERATIONS                       8422 ANSWERS
SEARCH TIME: 00.00.02

L11        8422 SEA SUB=L3 SSS FUL L1

=> s l1 sub=l4 sss full
FULL SUBSET SEARCH INITIATED 20:21:09 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 211217 TO ITERATE

100.0% PROCESSED  211217 ITERATIONS                       3770 ANSWERS
SEARCH TIME: 00.00.02

L12        3770 SEA SUB=L4 SSS FUL L1

=> s l1 sub=l5 sss full
FULL SUBSET SEARCH INITIATED 20:21:16 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 254897 TO ITERATE

100.0% PROCESSED  254897 ITERATIONS                       9395 ANSWERS
SEARCH TIME: 00.00.03

L13        9395 SEA SUB=L5 SSS FUL L1
```
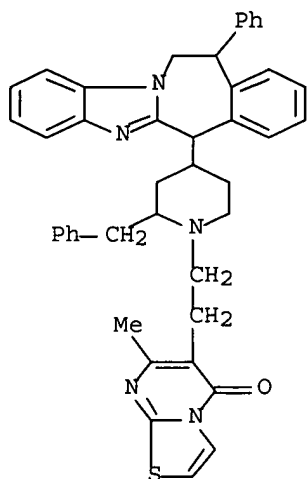
```
=> s 110 or 111 or 112 or 113
L14      31960 L10 OR L11 OR L12 OR L13

=> d scan str
```
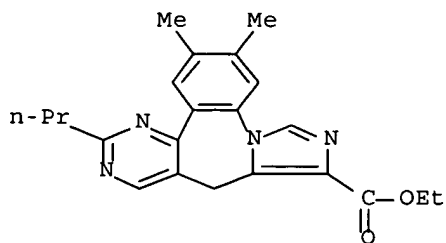
```
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN?  (1):2
```
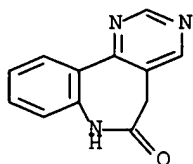
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> d his

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         (FILE 'REGISTRY' ENTERED AT 19:35:48 ON 29 JAN 2003)

L1                 STRUCTURE UPLOADED
L2       402808 S 3/NRRS AND N>=1 AND 1/NRS NOT (110.34.3 OR 110.34.1)/RID
L3       428165 S 3/NRRS AND N>=1 AND NRS=2 NOT (110.34.3 OR 110.34.1)/RID
L4       374839 S 3/NRRS AND N>=1 AND NRS>=3 NOT (110.34.3 OR 110.34.1)/RID
L5       468842 S 4/NRRS AND N>=1 NOT (110.34.3 OR 110.34.1)/RID
L6           32 S L1 SSS SAM SUB=L2
L7           41 S L1 SSS SAM SUB=L3
L8            9 S L1 SSS SAM SUB=L4
L9           33 S L1 SSS SAM SUB=L5
L10       10439 S L1 SSS FULL SUB=L2
L11        8422 S L1 SSS FULL SUB=L3
L12        3770 S L1 SSS FULL SUB=L4
L13        9395 S L1 SSS FULL SUB=L5
L14       31960 S L10 OR L11 OR L12 OR L13
```